

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

116511-00125

First Inventor or Application Identifier

Ki-man KIM

Title

DRIVING DEVICE FOR ROBOT CLEANER

2386 U.S. PTO
101804077**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:Commissioner for Patents
Box Patent Application
Alexandria, VA 22313

1. ☒ Fee Transmittal Form (e.g. PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27
3. ☒ Specification Total Pages 16
4. ☒ Drawing(s) (35 U.S.C. 113) Total Sheets 4
5. ☒ Oath or Declaration Total Pages 2
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation / divisional w/ box 16 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the
prior application, see 37 C.F.R. § 1.63(d)(2) and 1.33(b).
6. ☐ CD-ROM or CD-R in duplicate, large table or Computer
Program (*Appendix*)
7. ☐ Application Data Sheet. See 37 CFR 1.76
8. ☐ Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. ☐ Specification or Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. § 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ White Advance Serial No. Postcard
15. ☒ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C.
122(b)(2)(B)(i). Applicant must attach form
PTO/SB/35 or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application no.:

Prior application information: Examiner:

Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. Amend the specification by inserting before the first line the sentence:

☐ This application is a ☐ Continuation ☐ Division ☐ Continuation-in-part (CIP)
of application Serial No. Filed on☐ This application claims priority of provisional application Serial No. Filed**20. CORRESPONDENCE ADDRESS**BLANK ROME LLP
THE WATERGATE
600 NEW HAMPSHIRE AVENUE, NW
WASHINGTON, DC 20037
TEL (202) 772-5800 FAX (202) 572-8398

27557

PATENT TRADEMARK OFFICE

Name: Michael C. Greenbaum

Registration No.: 28,419

Signature:

Date: March 19, 2004

031904

13281 U.S. PTO

FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 810.00

Complete if Known

Application Number	Unassigned
Filing Date	March 19, 2004
First Named Inventor	Ki-man KIM
Examiner Name	Unassigned
Group / Art Unit	Unassigned
Attorney Docket No.	116511-00125

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																															
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees or credit any over payments to:</p> <p>Deposit Account Number: 23-2185</p> <p>Deposit Account Name: BLANK ROME LLP</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p><input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>		<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>420</td><td>216</td><td>210</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>950</td><td>217</td><td>475</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,480</td><td>218</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>2,010</td><td>228</td><td>1,005</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>330</td><td>219</td><td>165</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>330</td><td>220</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>145</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,330</td><td>241</td><td>665</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,330</td><td>242</td><td>665</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>480</td><td>243</td><td>240</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>640</td><td>244</td><td>320</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee for provisional applications</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40.00</td></tr> <tr><td>146</td><td>770</td><td>246</td><td>385</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>770</td><td>249</td><td>385</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>770</td><td>279</td><td>385</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> </tbody> </table> <p>Other fee (specify)</p> <p>*Reduced by Basic Filing Fee Paid</p>		Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet.		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	420	216	210	Extension for reply within second month		117	950	217	475	Extension for reply within third month		118	1,480	218	740	Extension for reply within fourth month		128	2,010	228	1,005	Extension for reply within fifth month		119	330	219	165	Notice of Appeal		120	330	220	165	Filing a brief in support of an appeal		121	280	221	145	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,330	241	665	Petition to revive - unintentional		142	1,330	242	665	Utility issue fee (or reissue)		143	480	243	240	Design issue fee		144	640	244	320	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Processing fee for provisional applications		126	180	126	180	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00	146	770	246	385	Filing a submission after final rejection (37 CFR § 1.129(a))		149	770	249	385	For each additional invention to be examined (37 CFR § 1.129(b))		179	770	279	385	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application	
Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																												
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																													
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.																																																																																																																																																																													
139	130	139	130	Non-English specification																																																																																																																																																																													
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																													
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																													
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																													
115	110	215	55	Extension for reply within first month																																																																																																																																																																													
116	420	216	210	Extension for reply within second month																																																																																																																																																																													
117	950	217	475	Extension for reply within third month																																																																																																																																																																													
118	1,480	218	740	Extension for reply within fourth month																																																																																																																																																																													
128	2,010	228	1,005	Extension for reply within fifth month																																																																																																																																																																													
119	330	219	165	Notice of Appeal																																																																																																																																																																													
120	330	220	165	Filing a brief in support of an appeal																																																																																																																																																																													
121	280	221	145	Request for oral hearing																																																																																																																																																																													
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																													
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																													
141	1,330	241	665	Petition to revive - unintentional																																																																																																																																																																													
142	1,330	242	665	Utility issue fee (or reissue)																																																																																																																																																																													
143	480	243	240	Design issue fee																																																																																																																																																																													
144	640	244	320	Plant issue fee																																																																																																																																																																													
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																													
123	50	123	50	Processing fee for provisional applications																																																																																																																																																																													
126	180	126	180	Submission of Information Disclosure Stmt																																																																																																																																																																													
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00																																																																																																																																																																												
146	770	246	385	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																													
149	770	249	385	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																													
179	770	279	385	Request for Continued Examination (RCE)																																																																																																																																																																													
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																													
<p>1. BASIC FILING FEE</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>770</td><td>201</td><td>385</td><td>Utility filing fee</td><td>770</td></tr> <tr><td>106</td><td>340</td><td>206</td><td>170</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>530</td><td>207</td><td>265</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>770</td><td>208</td><td>385</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>160</td><td>214</td><td>80</td><td>Provisional filing fee</td><td></td></tr> </tbody> </table> <p>SUBTOTAL (1) (\$) 770</p>		Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	101	770	201	385	Utility filing fee	770	106	340	206	170	Design filing fee		107	530	207	265	Plant filing fee		108	770	208	385	Reissue filing fee		114	160	214	80	Provisional filing fee		<p>2. EXTRA CLAIM FEES</p> <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>13</td> <td>-20**</td> <td>0</td> <td>\$18</td> </tr> <tr> <td>1</td> <td>-3**</td> <td>0</td> <td>\$86</td> </tr> <tr> <td colspan="3"></td> <td>\$0</td> </tr> </tbody> </table> <p>Multiple Dependent</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>86</td><td>202</td><td>42</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>290</td><td>204</td><td>140</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>109</td><td>86</td><td>209</td><td>42</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> </tbody> </table> <p>SUBTOTAL (2) (\$) 0.00</p>		Total Claims	Extra Claims	Fee from below	Fee Paid	13	-20**	0	\$18	1	-3**	0	\$86				\$0	Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	103	18	203	9	Claims in excess of 20		102	86	202	42	Independent claims in excess of 3		104	290	204	140	Multiple dependent claim, if not paid		109	86	209	42	** Reissue independent claims over original patent		110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																							
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																												
101	770	201	385	Utility filing fee	770																																																																																																																																																																												
106	340	206	170	Design filing fee																																																																																																																																																																													
107	530	207	265	Plant filing fee																																																																																																																																																																													
108	770	208	385	Reissue filing fee																																																																																																																																																																													
114	160	214	80	Provisional filing fee																																																																																																																																																																													
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																																																																														
13	-20**	0	\$18																																																																																																																																																																														
1	-3**	0	\$86																																																																																																																																																																														
			\$0																																																																																																																																																																														
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																												
103	18	203	9	Claims in excess of 20																																																																																																																																																																													
102	86	202	42	Independent claims in excess of 3																																																																																																																																																																													
104	290	204	140	Multiple dependent claim, if not paid																																																																																																																																																																													
109	86	209	42	** Reissue independent claims over original patent																																																																																																																																																																													
110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																													
<p>**or number previously paid, if greater; For Reissues, see above</p>		<p>SUBTOTAL (3) (\$) 40.00</p>																																																																																																																																																																															

BLANK ROME LLP
600 NEW HAMPSHIRE AVENUE, N.W.
WASHINGTON, DC 20037
TEL (202) 772-5800 FAX (202) 572-8398



27557

PATENT TRADEMARK OFFICE

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Michael C. Greenbaum	Registration No. (Attorney/Agent)	28,419
Signature		Telephone	(202) 944-3000
		Date	March 19, 2004

116511 00125/35619171v1